



## Material Content Data Sheet



<b>Sales Product Name</b>		SAE800G		<b>Issued</b>		25. January 2018			
<b>MA#</b>		MA001039488							
<b>Package</b>		PG-DSO-8-41		<b>Weight*</b>		81.33 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	inorganic material	silicon	7440-21-3	3.604	4.43	4.43	44318	44318	
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		103		
	non noble metal	zinc	7440-66-6	0.034	0.04		414		
	non noble metal	iron	7439-89-6	0.673	0.83		8276		
wire	non noble metal	copper	7440-50-8	27.330	33.60	34.48	336041	344834	
	noble metal	gold	7440-57-5	0.132	0.16	0.16	1628	1628	
	encapsulation	organic material	carbon black	1333-86-4	0.141	0.17		1731	
encapsulation	plastics	epoxy resin	-	4.553	5.60		55980		
	inorganic material	silicondioxide	60676-86-0	42.243	51.95	57.72	519401	577112	
leadfinish	non noble metal	tin	7440-31-5	0.814	1.00	1.00	10007	10007	
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1101	1101	
glue	plastics	acrylic resin	-	0.342	0.42		4200		
	noble metal	silver	7440-22-4	1.366	1.68	2.10	16800	21000	
*deviation	< 10%				Sum in total:		100.00		1000000

### Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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